

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) A method for processing and outputting video frames comprising:

- receiving a stream of video frames from a first platform;
- receiving first geo-location data from a second platform;
- inserting the geo-location data into **[[a]]** at least one received video frame to generate a stream containing modified video frame frames;
- superimposing at least one of the modified video frame frames onto a terrain map of a region of interest wherein objects within the at least one modified video frame are portrayed on a corresponding geo-location in the terrain map; and
- outputting at least one frame in the stream of superimposed modified video **[[frame]]** frames based on the inserted geo-location data.

2. (Previously Presented) The method of claim 1, wherein the geo-location data inserted into a particular video frame is based on the geo-location data of a scene in the particular video frame.

3. (Original) The method of claim 1, wherein a time tag is also inserted into the video frame.

4. (Withdrawn) The method of claim 1, wherein the stream of video frames are received from an unmanned aerial vehicle.
5. (Withdrawn) The method of claim 1, comprising: receiving commands for a fire control radar system; and transmitting the commands to an unmanned aerial vehicle.
6. (Currently Amended) The method of claim 1, comprising: storing the stream of modified video frames ~~along with the associated geo-location data~~.
7. (Original) The method of claim 6, comprising:
searching the stored geo-location data to identify geo-location data satisfying criteria specified in at least one search command; and
transmitting the identified geo-location data and video frames corresponding to the identified geo-location data.
8. (Original) The method of claim 6, wherein the time tags associated with the video frames are stored along with the geo-location data.
9. (Withdrawn) The method of claim 8, wherein
the stream of video frames are captured by the first platform, the first platform comprising a first aerial vehicle,

the geo-location data and the time tags are determined by the second platform, the second platform comprising a second aerial vehicle, and sensor data from the first and second aerial vehicles are stored along with the geo-location data and time tags.

10. (Withdrawn) The method of claim 9, wherein the sensor data identifies objects in a particular video frame.

11. (Withdrawn) The method of claim 10, wherein the identified objects are vehicles or buildings.

12. (Original) The method of claim 8, comprising: generating an index using the geo-location data and the time tags; and searching the index based on the geo-location data or the time tags, wherein the outputted modified video frames are those video frames which are associated with the searched for geo-location data or the time tags.

13. (Withdrawn) The method of claim 1, wherein the stream of video frames are captured by the first platform, the first platform comprising a first aerial vehicle, and

the geo-location data is determined by the second platform, the second platform comprising a second aerial vehicle.

14. (Withdrawn) The method of claim 13, wherein the determination of the geo-location data comprises:

determining a distance between a scene in a particular video frame and the second aerial vehicle; and

determining an azimuth, elevation, orientation and position of the second aerial vehicle, wherein Global Positioning Satellite (GPS) signals are employed along with the distance, azimuth, elevation, orientation and position to determine the geo-location data.

15. (Original) The method of claim 1, wherein the geo-location data is inserted into a visible portion of the video frame.

16. (Original) The method of claim 1, wherein the geo-location data is inserted into a non-visible portion of the video frame.

17. (Withdrawn) The method of claim 1, wherein the geo-location data is determined by using an aircraft's true inertial space position as a reference and the gimbals/sensor azimuth and elevation angles combined with range to a target of interest in the video frame.

18. (Withdrawn) The method of claim 1, wherein the geo-location data is determined by gimbal scanning to form video frames from different aircraft positions and aspect angles.

19. (Original) The method of claim 1, wherein the modified video frame is output onto a computer generated terrain map of a region of interest such that the modified video frame and any targets of interest are located within a proper geo-location within the displayed terrain map.

20. (Currently Amended) A system comprising:

a receiver which receives a stream of video frames from a first platform and receives geo-location data from a second platform;

a first processor which inserts the geo-location data into a video frame plural frames of the stream of video frames to generate a stream of modified video ~~[[frame]]~~ frames;

a second processor that superimposes at least one of the modified video ~~frame~~ frames onto a terrain map of a region of interest, wherein objects within the at least one modified video frame are portrayed on a corresponding geo-location in the terrain map; and

an output ~~for outputting~~ that transmits the at least one superimposed modified video frame based on the inserted geo-location data.

21. (Previously Presented) The system of claim 20, wherein the receiver comprises a linear taper antenna.

22. (Previously Presented) The system of claim 20, wherein the receiver comprises an antenna arranged to receive and transmit radar signals.

23. (Original) The system of claim 20, comprising: a transmitter connected to the output for transmitting the modified video frame.

24. (Original) The system of claim 20, comprising: a memory for storing the video frames along with associated geo-location data.

25. (Original) The system of claim 24, wherein the processor indexes the geo-location data, searches the geo-location data based on a search input, and the output modified video frame is a video frame corresponding to the search input.

26. (Currently Amended) The system of claim 24, wherein the memory also stores time tags and sensor data associated with each of the video frames, and wherein the processor indexes the geo-location data, searches the geo-location data, the time tags and/or the sensor data based on a search input, and the output modified video frame is a video frame corresponding to the search input.

27. - 43. (Canceled)

44. (Previously Presented) The method of claim 1, comprising determining the geo-location data using at least positioning information of the second platform and a distance between a scene in a particular video frame and the second platform.

45. (New) A video on demand system of an aircraft comprising:

a transceiver that receives a stream of video frames from a first platform and frame data from a second platform, wherein the transceiver modifies at least one frame in the stream of video frames with the frame data, includes a linear taper antenna having an aperture greater than a rotary blade chord of the aircraft.

46. (New) The system of claim 45, wherein the frame data includes location data, a time stamp, angles, and internal settings of the first platform.

47. (New) The system of claim 45, comprising:
a first processor that inserts the frame data into video frames to generate a stream of modified video frames;

a storage device that stores and indexes plural streams of modified video frames based on the frame data;

an output that retrieves modified video frames from the storage device based on the frame data and transmits the retrieved video frames to a display; and

a second processor that superimposes each modified video frame onto a terrain map of a region of interest, wherein objects within each modified video frame are portrayed on a corresponding location in the terrain map.

48. (New) The system of claim 45, wherein the output retrieves at least one modified video frame based on the frame data.